

**WHAT IS CLAIMED IS:**

1. The use of apoptotic bodies and/or apoptotic cells in treatment and/or prophylaxis in mammalian patients of neurodegenerative and other neurological medical disorders.

5 2. The use of apoptotic bodies and/or apoptotic cells in the preparation of a medicament for the treatment and/or prophylaxis of neurodegenerative and other neurological medical disorders in mammalian patients.

3. The use of Claim 2 wherein apoptotic bodies and/or apoptotic cells are in a liquid suspension along with viable cells.

10 4. The use of Claim 3 wherein the apoptotic bodies and/or apoptotic cells comprise from 10% to 90% of the cellular portion of the suspension.

15 5. The use of Claim 4 wherein the apoptotic bodies and/or apoptotic cells comprise from 30% to 70% of the cellular portion of the suspension.

6. The use of Claim 1 or 2 wherein the apoptotic bodies and/or cells are derived from extracorporeal treatment of blood cells compatible with those of the mammalian patient.

20 7. The use of Claim 1 or 2 wherein the apoptotic bodies and/or cells are derived from established cultured cell lines.

8. The use of Claim 6 wherein the blood cells are white blood cells of blood compatible with that of the mammalian patient.

25 9. The use of Claim 8 wherein the blood cells are the patient's own white blood cells.

10. The use of Claim 9 wherein the blood cells are the patient's own T lymphocytes.

11. The use of Claim 1 or 2 wherein the disorder is selected from the group consisting of Alzheimer's disease, senile dementia, multiple sclerosis, depression, Down's syndrome, Huntington's disease, peripheral neuropathies, spinal cord diseases, neuropathic joint diseases, chronic inflammatory demyelinating disease (CIPD), neuropathies including mononeuropathy, polyneuropathy, symmetrical distal sensory neuropathy, cystic fibrosis, neuromuscular junction disorders, myasthenias and Parkinson's disease.

12. The use of Claim 1 or 2 further comprising administering to a human patient a dosage of apoptotic bodies and/or apoptotic cells comprising from 10,000 to 10,000,000 apoptotic bodies and/or apoptotic cells per kilogram body weight of the patient.

13. The use of Claim 12 wherein the dosage contains from 500,000 to 5,000,000 apoptotic bodies and/or apoptotic cells per kilogram body weight of the patient.

14. The use of Claim 12 wherein the dosage contains from 1,500,000 to 4,000,000 apoptotic bodies and/or apoptotic cells per kilogram body weight of the patient.

15. A method for treatment of or prophylaxis against T-cell-mediated and inflammatory disorders in a mammalian patient, which comprises administering to the patient an effective amount of apoptotic bodies and/or apoptotic cells.

16. A pharmaceutical composition comprising a pharmaceutically acceptable excipient and an effective amount of apoptotic bodies and/or apoptotic cells.

Pub B4

ma  
ma  
othe

5

10

Year	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	